

392/D-261

VOL. 2

Sterling
NOTE BOOK

Property of *Fort Sumter National Monument*
School *of History*

Excavation job at Fort Sumter National Monument,
by Chitwood House Moving Co., Columbia, S.C.

1958

Dec. 29 Mr. Chitwood visited the fort, preparatory to
moving in some heavy equipment.

Dec. 30 Heavy equipment (loader, dump truck, and ^{Caterpillar} tractor) loaded
by barge on the beach off the left flank. Barge left at 9
pm., high tide. Equipment moved atop ramparts.

Dec. 31 Foreman and 2 laborers removed brick sidewalk farther
bet. Huger and one-half that crossing the parade. Knocked out
about one-half of the filled-in arch (no. 3) on left flank.
Removed brick with hand tools which proved to be a slow job.

Jan 5 Crew returned, resumed removal
of retaining arch #3 and taking up brick
walk in center of parade. Began removal of
brick walk in front of garrison monument.
Most of retaining arch removed by afternoon.
Began removing and stacking soil from

FOSSIL - COALPITATION DEPOT
EXCAVATION

3

right half of fort.

Jan 6 Got heavy machinery in action in afternoon and began excavation on left face slope with bulldozer. 1st job was to take out sand to make causeway over gorge wall for machinery. Took Fordson tractor on right half to use in sawing sod. Got far enough into slope near flank barracks to knock down remainder of breast-high wall at gun mount #3. Also began encountering gun emplacement farther in on face slope. Abraham and Isaac began removal of wooden shed sheltering rally port tunnel.

Jan 7. Resumed work at all points as ended on Tuesday. Began making excellent progress with bulldozer on left face slope. Bulldozer fills dump trucks

which then dumps load off left gage angle onto shoal.

Just after lunch uncovered another of the breast-high walls protecting a post-war gun mount. It is in the area of the spiral stair and where the wall angles from the left face to the kitchen wall of the barracks. Had hoped it would be the angle wall of the original fort. However, the concrete base and the track pointing are exactly the same as the breast-high walls previously uncovered. Will go slow until the complete outline is revealed.

Jan. 8

Continued removing fill from area between north end of ~~gun~~ men's barracks and steps leading up to flagpole monument. Little progress made

Jan 8

Removing one brick wall 5' x 6' x 20

600

" one concrete base 2 x 6 x 20

240

3 loose pieces of concrete ready
to take out measure as follows

2' x 6' x 10; 2' x 6' x 10 and 2' x 6' x 12

120

120

144

~~One large piece of concrete sticking out~~

~~measures 7 1/2' x 4 1/2' x~~

?

Another concrete wall with end exposed

90

measures 5' x 2' x 9' ? and

rest on a concrete foundation [1' x 6' x ?]

due to starter trouble on truck. Slow progress on removal of a brick wall which parallels the line of wall fronting parade and opposite left shoulder angle. This wall 5' x 6' x 20' ^{600.0} rests on a concrete base 2' x 6' x 20'. The ^{240.0} ends of two huge concrete walls about 4 feet apart and just north of the flagpole steps extend toward the flagpole. Only their ends were exposed today.

Jan 9 Continued taking out fill between northern end of left flank barracks and steps leading from flagpole. Working to undermine breast high wall. Found small fragment of base of blue fired glass bottle beneath this wall. Pulled down wing wall about 11 A.M. Then began the slow job of breaking it up and removing it. Moved

Columbiad from left to right face
near where will be placed. Found
our first ~~projectile~~ spherical projectile
in slope on left face about 1' above
present parade ~~level~~ level and about ~~midway~~
midway between wing wall & stairs.

Jan 12 Began with preparations to break
up the concrete (from the gun mounts)
by blasting. Removal of sod along
right face has continued each day
along with the left face excavation.
Men on right face are out of the
way of the blasting, shielded by Battery
Huger and continue their work.

Removed concrete pieces to
begin forming riprap protection
along the left flank.

Began dismantling flag pole base.

about mid-afternoon.

Jan 13

Resumed work on dismantling flag pole base. Continued with bulldozer under large block of concrete on left face between steps and northern end of barracks. Began removing large pieces of concrete as they broke off.

~~1st was 40" x 10" x 22", others, 82" x 29" x 28", 32" x 15" x 28", 34" x 40" x 58" on a base of 40" x 12' x 64", 81" x 7 1/2" x 29", 156" x 7" x 26", 111" x 7 1/2" x 21"~~

7.6
38.5
12.9
45.4
17.8
10.1
169.3
33.7

Their approximate sizes were: 3' 4" x 1' 3" x 1' 10" x 6' 10" x 2' 5" x 2' 4", 2' 8" x 2' 1" x 2' 4", 2' 10" x 3' 4" x 4' 10" on a base of 3' 4" x 1' x 5' 4", 6' 9" x 6' x 2' 5" x 13' x 6' x 2' 2", 9' 3" x 2' 1" x 1' 9"

Found fragment of glass bottle in dirt on top of sally port tunnel on which

4.4
 7.5
 14.8
 13.7
 18.8
 64.5
 24.4
 33.9
 27.0
 3.7
 37.2
 38.7
 43.1
 36.0
 22.8
 4256.0

most of the wood dispensary ~~can~~ can be made out. Other ^{pieces} pieces: 1'6" X 1' X 2' 11"
 1'1" X 2'3" X 3' 1/2" 2'4" X 3'2" X 2' 3'3" X 3'2" X 1'4"
 2'9" X 3'5" X 1'10" X 2'7" X 2'8" 1'4" X 3'9" X 1'5"
 6'5" X 1'11" X 2'9" 7'4" X 1'11" X 1'11" 2'3" X 10" X 2'4"
 1'11" X 2'5" X 8'4" 10'1" X 2' X 1'11" 10'1" X 3'5" X 1'5"
 4' X 6'4" X 1'5" 3'10" X 1'10" X 3'23" 38' X 14' X
 8' 1/2"

Removed brick pister beneath old Coast Guard house (3' x 14' x 8') and uncovered arch of gunroom to north of mining Casemate, hollow 4 yards

Jan. 14

Worked for a short time toward left shoulder angle when he exposed a small arch leading into the best gunroom at north end of left flank. Seems that this room must have a roof. At any rate it has

is this hollow or solid?

81

sand fill. The workmen are now dismantling the flagpole plinth, storing the stones at south end of Bat. Huger, 2nd elevation. Montrose NPS has erected a 25-ft. pole atop Bat. Huger, 3rd elevation, & have transferred flag to it from the tall pole. They broke corners off of 2 blocks (those of the inscription) & I called their attention to it. The bulldozer operator began scooping topsoil west of the monument & ~~put~~ putting it near left shoulder angle. Light loader broke down while scooping topsoil on right face. I made 2 photos today - one looking toward flagpole showing the men beginning to dismantle plinth & the other looking at the excavated area to west of flagpole steps, showing the old brickwork being exposed ~~at top~~ near left shoulder angle.

Jan. 15

Resumed work on dismantling plinth of flagpole monument - taking the pieces of granite to South end, Bat. Huger, 2nd elev. In removing the stone several pieces

Notes:

Broken chips from flange plate plinth are
stored in left drawer of field office desk.

have been chipped off. Bulldozer is being used to remove some of the fill on explosive which had been dumped there by the truck. Truck broke down this pm. Will probably have to order parts from Mass., & be 3 or 4 days. Bulldozer being used to gather or glean topsoil on right face. This ~~am~~ pm. (upon truck broke down) Bulldozer loaded the flap pole steps on truck which dumped them off the explosive. Belvin Harris came over this pm & made some progress pictures.

Jan 19

Continued work of dismantling flap pole. Bulldozer removing topsoil on right face and stockpiling along right flank. Have had no rain since Friday, but the area is waterlogged. Began to cut central slope behind middle gunrooms of right face - area along offset. Found green bottle

a few inches below fill on top of
 right face gunrooms several feet
 back from scarp wall and about
 midway of gunrooms. Top lip of
 bottle broken off.

Most of ~~the~~ ^{the morning's} effort on the part
 of the crew for the machinery was
 spent in repairing the small tractor.

Right after lunch began
 digging to form the slope behind
 the right face gunrooms. The
 bulldozer and tractor formed an
 effective tandem operation. Dumped
 fill on apron along right flank
 and then the tractor pushed it
 over. When high enough
 the dozer could push it over
 without getting on the apron.

Continued storage of fluzpole plth.

11

Early in afternoon encountered what appears to be post-war gun mount. Think not, seems to be rubble jumble.

Found thick glass ~~to~~ fragment about 2' below surface in fill just behind gun rooms about $\frac{2}{3}$'s way from salient point to right flank.

The number of conch and oyster shells are a pretty good indication of the point of origin of this fill.

Looking for rear wall of gun rooms. Just before leaving yesterday made a most interesting find. Approx. 65 feet to ~~west~~^{east} of Battery Huger, three feet down and in area where we expect to uncover the rear wall we encountered two metal beams.

Over these beams and not widely scattered we found four bottles - 1 brown, 1 green, and 1 clear and a smaller very interesting squat blue bottle. On the blue bottle there is a name and Charleston S.C. it is in excellent condition except that a part of the lip is broken. Cleaning should show them all up better. also 6 fragments 4 of which were recognizable remnants of bottle bases.

Most interestingly we found two cannon lying in between the rails. Behind these a brick wall begins to appear. all of this is uncharted and as unexpected as it is interesting. we were still uncovering these when had to leave.

Jan 20

Began again to work on the cannon by shovel. Found well-

preserved pipe bowl inside cannon frame,

Two more perfect bottles in cannon frame
Both are ~~beige~~ brown, one is a flask.
Frank S. Terry Bottling works Chas.
S. C. printed on the round bottle.

Began feeling for roof top about
10' behind cannon. Getting a lot of
loose brick; can't be sure we've found
solid top yet. Two bottle fragments, one
a base, one a neck found here.

Found top of gun rooms ~~at~~ at
10:30 A.M. Recognized the mastic
roof coating. Surprisingly extends
well beyond the line we measured.
Seems to be about 2 1/2' beyond the
measured line. Has 3" brick coping
then begins sharp slant out in top side

area.

Top of roof is approx 5 1/2' below
fill. Layer of oyster shell then loose
brick overlay roof. Bow of another pipe
just outside cannon frame. Small
fragment of pipe stem found within
the cannon frame.

Found small clear glass bottle - F.
Brown's Es. of Jamaica ginger Philadel-
phia just to rear of cannon frame.
Another small squat green bottle
found alongside frame.

Began to uncover several large
concrete walls in and around
cannon frame. Appears to be
the two post-war gun mounts
behind right face. Dragged
cannon frame off roof and
over alongside Columbia Cannon

~~can~~ begin to look less like cannon
as they are exposed. They are two
large cylinders banded within the
metal frame.

Found large piece of china with
coat of arms - Royal Patent Brewster
Ward & Son

England

Lay within a foot of roof top in area
of cannon frame.

Found a beer(?) bottle in area under
frame. Interesting inscriptions not
yet cleaned off. Bartholmay
Brew Co. Rochester, N. Y.

Found ~~large~~ huge underground
chamber to right of water catch basin
on Battery Pier, about 50' to right
of Bat. H. and about 50' behind
near wall of right face. Could see

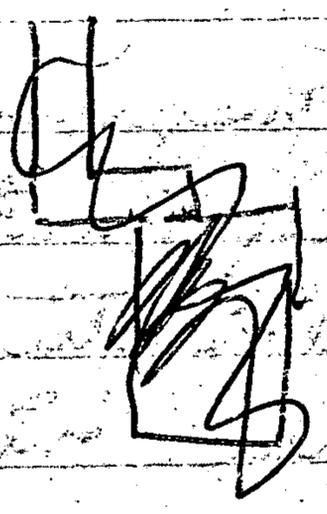
steps leading into. Trying to clear
~~away~~ a way down into it!

Jan 21

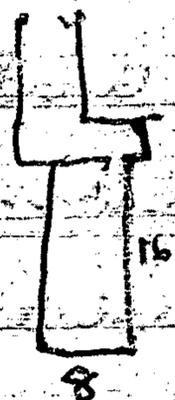
Checked 1897 maps in office Tues. evening and it became apparent that the opening we have entered is a tunnel leading from the right face area into ~~the~~ a post war service magazine. There will be two large gun mounts, two service magazines and perhaps a part of a third judging from the maps (which are incomplete and no two have all of the details) and from what we have so far uncovered. Showed Wilbur Clark the maps so as to give him a better picture. We will proceed with care regarding the original walls.

Found a white beer bottle inscribed Palmetto Brewing Co. S. C. This bottle ~~is~~ to be sold.

1. sub. the report with the ...
 2. the ...



Entrance tunnel 3' wide 6 1/2' tall + app
 15' long to point where entered + blocked.
 L" hall 4' wide 8' 10" high + 36" long.



chamber (mag) 8' x 16' x 8'

ledge 1" x 1" runs around base of floor.
 Entrance door to magazine ~~6' 6"~~

~~2. 30" high~~ ~~36" high~~ ~~48" high~~ ~~54" high~~ ~~60" high~~ ~~66" high~~ ~~72" high~~ ~~78" high~~ ~~84" high~~ ~~90" high~~
~~102" high~~ ~~108" high~~ ~~114" high~~ ~~120" high~~ ~~126" high~~ ~~132" high~~ ~~138" high~~ ~~144" high~~ ~~150" high~~ ~~156" high~~ ~~162" high~~ ~~168" high~~ ~~174" high~~ ~~180" high~~ ~~186" high~~ ~~192" high~~ ~~198" high~~ ~~204" high~~ ~~210" high~~ ~~216" high~~ ~~222" high~~ ~~228" high~~ ~~234" high~~ ~~240" high~~ ~~246" high~~ ~~252" high~~ ~~258" high~~ ~~264" high~~ ~~270" high~~ ~~276" high~~ ~~282" high~~ ~~288" high~~ ~~294" high~~ ~~300" high~~
in area of cannon. ~~to~~ 17

Began uncovering the end of another cannon(?) frame just behind the first.

Small tractor in process of clearing off roof tops. As approach top we find a layer of loose bricks, then a heavy layer of oyster shell, and finally the mastic roof coating.

About mid-morning began uncovering a peculiar pyramid shaped iron projection on top of roof. Will work around it.

Uncovered another white beer bottle within second iron frame. Palmetto Brewing Co. Ches. S.C.

Two more bottles about 2' below fill over right face & just to rear of second frame. One a tall, round, brown

bottle, the other a half pint flask
with a Palmetto F.S.C. Dispensary.
The Dispensary tag would seem to
date it as post-war Ben Tillman
Dispensary product.

near perfect cream stoneware
bottle, small, squat, tapering to narrow
neck) uncovered in fill behind 2nd
frame (to ~~west~~^{east} of frame toward right plank).

Several of crew began yesterday and
are continuing to remove rubble of
retaining wall south of left plank
sally port.

Abraham & Trace began removal
of guard rail atop left plank.

Encountered several masses of
concrete to rear of right face which

Two leather shoe heels about 5" beneath
surface + 4' to rear of 2nd frame. Also bare of tall brown
bottle fragment of what looks like fruit jar.
from their curve appear to be magazines. 19

Began clearing off top of rounded
concrete which lies roughly in line
with the 3rd embrasure counter
up toward ~~side~~ ~~from~~
eastern ~~side~~ shoulder. It is about
15' to rear of back wall of gunrooms
and so should be entirely safe to
remove.

Set a small charge of dynamite
without effect. Have cut a deeper hole
& will try another. Two charges failed
to break through. This is evidently solid
and not another tunnel or magazine.

Found odd shaped small bottle
right on roof of 3rd gunroom from
eastern shoulder. Might be a
condiment or toilet bottle.

20

Another of the unusual pyramid shaped pieces of metal appeared at the far end of the arch from the first.  Perhaps they are the tops of reinforcing posts put there when the rear retaining walls were set up.

Bottom half of 2 more bottles one stone ware the other glass found on roof of 3rd gunroom from eastern shoulder.

About 8½' to rear of ~~2nd~~ 3rd room from eastern shoulder began uncovering end of wall. Appears to be end of concrete. We tried unsuccessfully to dynamite.

Small bottle that looks like extract bottle found to rear of 2nd frame and about 1' above gunroom roof.

Shell encrustation inside

21

and out of several of the bottles indicates that they lay in the harbor and were then thrown into the Fort again with fill in later years.

Jan 22 Two of Chitwood's men began this morning a continuation of the removal of rubble of retaining wall south of left flank sally port.

Set one more small charge in uncovered corner of top of rounded concrete (the one in line with the 3rd embrasure). The charge succeeded in chipping off a small section of the corner. Weather very drizzly and rainy, so may discontinue work.

Set still another charge of dynamite, (a larger one), a little farther back, and this time we think we have

cracked it way back into the mass. We had just begun to remove the dynamited portions when very heavy rains began falling. Because of the rains work has been discontinued.

~~At this time, the bulldozer was working on the upper center area of the mass in order to crack it, to facilitate removal by the bulldozer. The bulldozer is now removing the cracked up slabs of concrete.~~

It has now cleared up.

One final charge was placed in the upper center area of the mass in order to crack it, to facilitate removal by the bulldozer. The bulldozer is now removing the cracked up slabs of concrete.

2 bottles (green in color, of beer-bottle shape) were found just above the rounded mass of concrete, about 25 feet to the rear of the 3rd embrasure.

We have just uncovered what appears to be the top of a tunnel. It is located just next to the above mentioned rounded mass of concrete toward the salient. The

Tunnel appears to lead from the service magazine (recently excavated) to the gunrooms.
Mud

Found small fragment of china on top of concrete to rear of tunnel leading into first magazine. Turquoise with two black stripes.

Set off small charge on top of tunnel to rear of 3rd embrasure from eastern shoulder. Beginning to take effect. Will continue after lunch.

Another charge after lunch made some impression, but failed to open it up or knock an appreciable amount off. Will try another charge, a little better effect this time; may get in with a bulldozer. No luck! Although he has no good approach due to the several outcroppings of

concrete, he will now try to clear the fill away from the sides of the magazine so as to place a charge at its base.

Pushed up metal gun base near top of fill about 50' behind east shoulder.

The mass of concrete about 50' to the rear of the 4th embrasure west of the eastern shoulder begins to take shape as a gun mound. We have reached the bottom and see that it is sitting on the sand fill.

Found and unusual green bottle with rounded bottom 2' below fill behind 5th embrasure west of eastern shoulder.

Another odd shape bottle and a

Large piece of china with a blue design uncovered in same area. Third bottle in same general area. This is between the first cannon frame (?) and the scarp wall where so many other bottles have been found, Two more. These latter 3 are all shell encrusted.

Bottle in area over 1st magazine tunnel (think the location is correct), iron ring about 1 1/2' in diameter and unusual china fragment found in top of fill just to rear of 3rd embrasure coming westward from eastern shoulder.

The iron gun mount mentioned earlier is probably related to the W.W.I anti-aircraft mounts. It appeared near the surface and in their general area.

Set off charge in gun mount behind 5th embrasure with good effect since earth removed from around it.

18.6
10.0
46.3
39.1
16.6
59.5
9.7
29.5
19.4
234.7
21.4
42.3
4.9

Several large pieces concrete 3'8" x 2'3" x 2'3" ~~2'6" x 2'1" x 1'11"~~, 3'3" x 4'9" x 3' ~~4'7" x 2'2" x 3'10"~~ ~~3'10" x 2'2" x 2'2"~~
2'5" x 1'6" x 4'7" ~~5'5" x 4'3" x 2'7"~~
3'9" x 1'10" x 1'5" ~~3'10" x 3'1" x 2'6"~~ 4' x 2' x 2'5" ~~9'7" x 7' x 3'6"~~ 7' x 3'8" x 10"
5'3" x 3'7" x 2'3" ~~5'7" x 1'2" x 9'4"~~

Found Pabst Blue Ribbon Bottle in fill in area behind 5th embrasure. Should be worth a case of free beer.

Jan 23 Resumed work on retaining arch on left flank and on gun mount. another hard cold day.

7

27

27.4
140.3
10.0
17.2

~~the general area:~~

Concrete moved; 8' x 2'7" x 1'4"4

6' x 5 1/2' x 4'3"4 2' x 2' x 2'6"4 3'10" x 2'3" x

2'4" Dynamited to remove more of base,

9.8 ~~Concrete~~ Concrete removed. 2'6" x 2'3" x 1'9"4

~~to be removed~~

Removed the brick base that sat on top of the gunrooms behind the 6th + 5th embasements counting eastward from the salient. The frames lay behind it. Began also to uncover large iron guides and other metal pieces of gun mounts. Found 2 unbroken white bottles, a half pint flask and a broken crockery base. Iron appears to be mortar mount.

Found two iron cannon wheels.

B bought a smaller bulldozer and truck out today, also an air hammer. Uncovered butt end of large cannon on roof top where other mount parts were found. Will pull it off and place it alongside the Columbiad if possible. Cannon lies behind 5th embrasure counting from east shoulder toward salient. Found green bottle in this area.

With the arrival of the new equipment we have a more effective set-up going this afternoon. An air hammer begins work on the left flank ^(didn't get it worked) retaining arches. The small

tractor takes out fill on the left face and loads the new trucks. The small bulldozer clears the top of the right face gunrooms while the larger one pushes the bulk fill off the right flank.

are removing a small brick wall on top of the right face rooms paralleling the scarp wall. It rests on sand fill and is 3' x 2'5" x ~~132'~~ 132' and rests on 6" offset 6" high (same on other side).

958.3
Length measurement was per as concrete coping on scarp wall.

45,408.0
*

Sizable piece of concrete: 33" x 43" x 32"
[rest lying on top of right face gunrooms]

Pulled out the large cannon tentatively identified as a 200-pounder Parrott.

Directly behind 5th embrasure
 counting west from east shoulder
 began uncovering what appears
 to be another cannon, 5' behind
 scarp wall and 3' down.

Jan 26

Uncovered large Parrott shell
 about 30' out from left flank and
 15' in front of mining casemate approx
 11' down. Some iron around it.

Another perhaps larger Parrott
 shell found in almost the same
 spot.

Small bulldozer is spreading
 fill at rear, large one on right
 face and tractor removing
 fill in left face.

Work going slowly today!

air hammer working, but far from properly.

Small logs moved around to right face, getting fill off gunrooms.

The second cannon(?) frame behind the 5th embrasure counting west from the east shoulder was minus the heavy frame. Simply had the two large tubes, moved them over by the Columbiad.

23.6
76.4

Concrete to remove; 5'3" x 2'3" x 2'4" on a base 9'10" x 3'11" x 2'4" for a smaller

94.4

base 9'10" x 5'9" x 1'8" 4"
1

Uncovered most of roops of right face.
Recovered medicine bottle from fill: C.F. ~~Robertson~~ Parkman Pharmacist, Charleston, S.C.

Jan 27

Finally have an hammer working very successfully. Premature!
Found green bottle at undetermined spot on left face fill.

Continue to divide into several work crews: bulldozer on right face, several men removing left plank retaining arches, and tractor & truck removing left face fill.

- 38.8
- 24.6
- 10.1
- 5.3
- 8.9
- 14.5
- 10.9
- 15.4
- 7.5
- 12.2

[Left face service way. + wall]

Removed concrete; 5' x 3' 4" x 2' 4" +
 2' 10" x 2' 8" x 3' 3" 1/2. 1' 3" x 3' 4" x 2' 5" 1/2, 1' 8" x 1' 7" x
 2' 1/2 x 3' 1/2 x 1' 5" x 2' 1" 1/2, 2' 2" x 4' x 1' 8" 1/2, 2' 5" x 2' 3" x
 2' 1/4 x 4' x 1' 11" x 2' 1/2, 1' 4" x 2' 5" x 2' 4" 1/2, 3' 3" x 2' 3" x 1' 8" 1/2

Repaired a block in the air hammer's gas line, and it finally seems to be functioning properly. Should have much faster in removed of retaining arches.

Removed most of 2nd arch south of rally port. Beginning on 3rd. Still slow going. Hammer works best when its weight and pressure can be thrust downward.

January 28

W.T.B.

28.7

14.7

9.2

21.2

39.4

2.5

Drizzling rain and windy. I measured first thing this morning 6 blocks of concrete that were cracked up yesterday.

They were as follows: 3'7" x 2'10" x 2'10", 2'9" x 2' x 2'8", 3'1" x 6' x 1/2', 6' x 2'10" x 1'3", 3'6" x 9" x 1'3", 2'6" x 1'4" x 9".

The men are continuing to work in separate groups, and as follows — 2 men operating the air drill knocking out the left face retaining walls, 1 man removing fallen bricks as the retaining walls are knocked out. 2 men operating tractor and truck in removing left face fill. 2 men operating bulldozers behind the

right face, grading the intended slope and removing the fill surrounding the underground service magazine.

Rain has brought about a cessation of work behind the right face with the bulldozers. Bulldozer operators are assisting in the removal of the left plank retaining walls. Truck and tractor men are making minor repairs on truck, since weather has caused them to stop work also.

27.0
37.3
64.4
140.2
18.0
31.2
16.8
3.3
62.5
22.6
16.3
19.8
5.4
124.4

Rain has stopped and bulldozers are now cracking up more concrete. Took out the following blocks: 5'7" x 2'4" x 2'1/2"
5'2" x 5'1" x 1'5" | 6'7" x 7'10" x 1'3"
7'10" x 5' x 3'7" | 3'6" x 3'3" x 1'7" | 4'11" x 5'1" x
1'3" | 3'9" x 1'11" x 2'4" | 1'5" x 1'2" x 2"
8'1" x 4'5" x 1'9" | 5'2" x 3'1" x 1'5"
2' x 2'4" x 3'6" | 4'5" x 2'4" x 1'11" | ~~1'10" x 1'10" x 1'10"~~
1'11" x 1'8" x 1'8" | 3'2" x 4'11" x 1'11"

Truck and tractor have resumed work on the left face fill, also.

The 2 bulldozers are now working on the left face fill, along with the 6 ton truck. Small bulldozer is removing fill behind the left face and larger bulldozer is grading and removing fill from atop the left face gunrooms, between the Rodman cannon and the left plank wall. The rest of the crew are continuing the removal of the left plank retaining wall.

(duplicates well)

Two brick masonry sections, just removed from the fill behind the right flank before the ~~trucks~~ dozers moved to the left face, are 2'10" x 2'9" x 2'3" and 3'1" x 2'9" x 2'4".

17.5
13.3

The large bulldozer is now removing the large concrete blocks from behind the right face, and is using the graded causeway.

he constructed over the left face to carry the blocks to the left flank wall, at which point he is toppling them over just behind the left shoulder angle of the fort.

Wilbur (using the small bulldozer) is removing fill adjacent to and behind the flagpole. Both trucks are now being utilized to make the removal faster.

Knocked down two large concrete walls of gun mount on left face in front of flag pole. Concrete to remove: 15' 6" x 2' 1" x 6' 9" 1/2. 15' 6" x 2' 1" x 6' 9" 1/2. 15' 6" x 3' 8" x 2' 1" 1/2. 15' 6" x 3' 8" x 2' 1" 1/2.

217.6
217.6
113.8
113.8

Jan 29

With large trucks put back in action yesterday were able to resume large scale removal of fill around

flagpole. Continuing that today as well as removal of heavy rigging from right and removal by left flank returning arches.

were dumping concrete over left shoulder. Recalled possibility of dock entering at that point so shifted to left rear.

53.0
42.1
43.9
15.5
55.8
19.8

Concrete removed, 4'5" x 6' x 2', 5'4" x 5' x 1'7" x 7'6" x 4'8" x 1'3" x 3'8" x 3'2" x 1'4" x 5' x 5'7" x 2'4" x 3' x 2'10" x 2'4"

She found 11 ~~per~~ small pieces of china and two of crockery where the tide had washed the fell down and toward the rear.

Began breaking up gun mount behind 3rd & 4th embasement east of salient point. Concrete removed!

51.0
 46.0
 29.4
 59.0
 20.3
 47.3
 48.8
 15.9
 23.0
 14.1
 6.5
 21.0
 14.9
 35.7
 27.0
 42.0
 67.1
 17.3
 18.3
 45.0
 43.9
 46.7
 11.0
 48.0
 40.0
 16.4
 39.0
 35.9
 51.9
 5.0
 51.0
 2.3
 6.0
 7.0

6' x 4'3" x 2'4" x 3'10" x 6' x 2'4" x 4' x
 3'8" x 2'4" x 4'5" x 6'8" x 2'4" x 3' x 4'6" x 1'6"
 4'2" x 5'8" x 2'4" x 4'7" x 5'4" x 2'4" x 2'6" x 1'
 3'2" x 2'4" x 4'6" x 2'11" x 1'9" x 4'3" x 2' x 1'8"
 3'1" x 1'4" x 1'7" x 4'8" x 2'3" x 2'4" x 2'5" x 1'
 2'8" x 2'4" x 4'1" x 5' x 1'9" x 4'6" x 3' x 2'4"
 4'6" x 5'4" x 1'9" x 7'4" x 5' x 1'10" x 3' x 1'
 3'10" x ~~1'6"~~ x 3' x 3'4" x 1'10" x 1'
 4'6" x 5' x ~~2'4" x 5' x 5'3" x 1'8"~~
 4'8" x 5' x 2'4" x 2' x 3' x 1'10" x 6' x 4' x 2'4"
 6' x 3'4" x 2'4" x 7'10" x 1'8" x 1'3" x 6' x 3'3" x
 2'4" x 7'7" x 3'1'7" x 6'8" x 4'3" x 1'10" x 1'
 2' x 2' x 1'3" x 6' x 4'3" x 2'4" x 2' x 1' x 1'2" x 1'
 1'5" x 2'5" x 1'9" x 2'10" x 1'9" x 1'5" x 1'

Jan 30

Cont. determining and removal of
gun mount on right face.

41.0
 10.5

Concrete: 6' x 3'5" x 2'4"; 4' x 1'6" x 1'9"

42.5
 73.5
 7.1
 49.0
 14.0
 38.5
 36.8
 48.2
 11.8
 175.0

5' X 4' 3" X 2' 1" / 14' X 3' X 1' 9" / 2' 6" X 2' X 1' 5" /
 7' X 4' X 1' 9" / 4' X 2' X 1' 9" / 2' X 11' X 1' 9" /
 3' X 7' X 1' 9" / 11' X 2' 6" X 1' 9" / 3' X 2' 3" X
 1' 9" / 14' 7" X 6" X 2' 4" /

Began going down in earth fill
 behind right face after having
 removed the bulker the gun mount.
 Took picture of gorge fill Jan. 29.

Put both bulldozers to work on
 flag pole to undermine it. Set a
 charge on base. Will then try
 to pull it down on Monday.

~~Base to~~

Feb. 2 Cold cloudy day as were Thurs. & Fri.
 wind almost due north, strong and

Cold. are removing fill around pole with both bulldozers preparatory to lowering it. Continue work on removal of retaining arches, are taking out the one just south of the mining casemate.

/ Include measurements of flagpole concrete foundation from plans which we have, /

Brought the flagpole down after lunch. Made a good fall, would have been perfect if could have swung it out about two feet more into the parade. As it was the brass ball broke off on the mining casemate. Seems not to have damaged the pulley mechanism beneath the ball, there is a very noticeable bend in the upper part of the pole. However,

it may be due merely to the weight of the pole and will possibly spring back.

The pole was made much heavier because it was completely full of water. That gushed out when the pulley mechanism was removed.

Began dynamiting concrete base of pole. It proved to be reinforced concrete, and so will take a good bit of doing.

Rain beginning to hamper work — hard & cold.

Feb 24 ~~to 25~~ no work. Rain, fog, and cold. ~~Returned to work~~

February - Crew came over at 10 o'clock and resumed the removal of the flagpole. Dragged flagpole around to right flank. Also continued

to remove the retaining wall of the fifth arch. removed more of the fill in the area of the flagpole.

Thruway

4'1" x 1'8" x 1'8"

11.4

Measured one piece of concrete which was removed late yesterday in area of flagpole ~~(2'9" x 1'4" x 3'11")~~ (2'3" x 1'4" x 3'11"). Two bulldozers are continuing to remove fill from flagpole area and other workmen are continuing the removal of 5th retaining wall arch.

James, with bulldozer, is now grading and smoothing fill which has been placed in rear of the gorge wall, as Wilbur continues work of removing fill in flagpole area.

Mr. Hacton now grading near fill, Dyer still removing fill in area of flagpole.

13.0

One more piece of concrete removed: 3' x 2' x 2' 1/2".

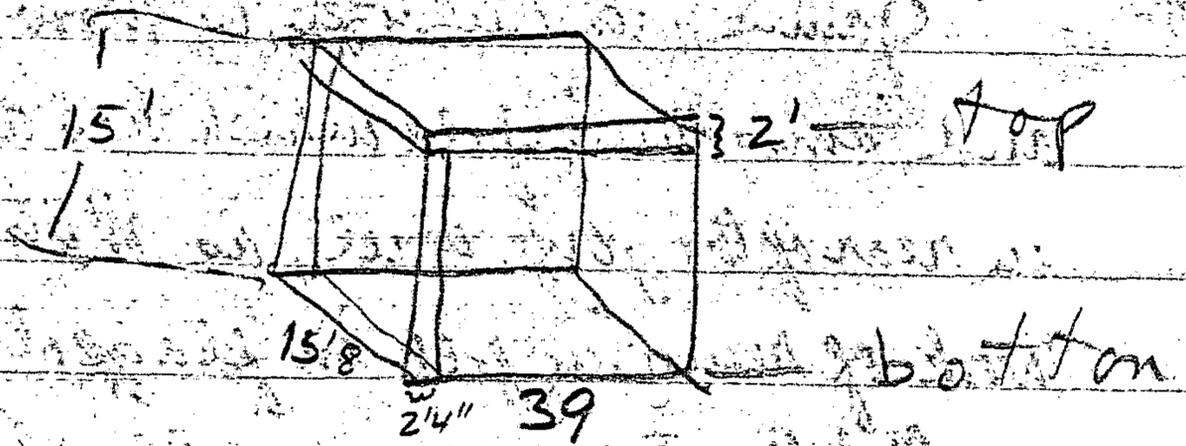
Found approx 6" shell of spherical roughly at base of slope and

top - 2' x 39' x 15' 8"

bottom - 2' x 39' x 15' 8"

2 sides - 2' 4" x 15' 8" x 15'

2 sides - 2' 4" x 39' x 15'



behind mining casemate.

are uncovering & dynamiting
20,000 gal. cistern near flagpole
site. Putting several charges
of dynamite on cistern to begin
cracking it.

1222.3

1222.3

547.7

547.7

Beginning to uncover gun
mount on left face to west of
cistern.

1363.1

363.1

Now dynamiting the cistern. The dimensions
of the cistern are: 2 ft. thick top and walls are 2'4".
Outer dimensions of the cistern are 15'8" x 39' x
15'.

January 7

late yesterday afternoon after we (the
park service people) left, Wilbur uncovered a
portion of another 15" Rodman Cannon, just
next to and beneath where the displayed
Rodman is now located. He says he will
leave it until Sheely returns, since he

does not necessarily have to move it at this time in order to continue with the removal of the fill. I don't think they'd run into any problems dragging it out, but they will leave it, since that is what has been requested.

This morning, as yesterday, the 3000 tractor is grading the fill behind the gorge wall, Wilbur and James, assisted by Kelly and truck, are removing the fill from the front of the fort, and the two other workmen are hammering out the last retaining wall on the left flank.

With Kelly operating the trucks alternately — Wilbur pushing the front fill down toward the parade ground and James putting it in the trucks, the work is progressing very fast. Other 2 men are still hammering last retaining wall.

Feb 9

Dense fog today. Chitwood didn't work. Mr. Buck & the boys were able to do a good bit in preparing for the removal of the cistern on the left face alongside Bat. Huger.

Feb. 10

Dense fog delayed arrival of crew till mid-morning. Large bulldozer beginning to remove parade fill working from just in front of o's qtrs up to just line of cisterns.

Small dozer is removing fill from atop left flank gunroom.

Have already approached on a slope to within a few feet of left face scarp at the top.

are making holes and bits but dynamiting the cistern alongside

B. Huger,

Found large piece of old iron just about midway of left flank qtrs, almost to tunnel.

An iron tank of some sort sat just a few feet above parade ~~of~~ level in the corner formed by $\frac{1}{2}$ qtrs & left flank barracks. It extended beneath parade level. Bulldozer was able to remove it.

Found marble sill in fill just in front of western half of $\frac{1}{2}$ qtrs.

Began pushing stones off left flank roofs out cushion of dirt below.

Dread weather today!!

Feb. 11

86.7
86.7
86.7
86.7

Began ~~opening~~ ^{uncovering} parade cisterns.

4 concrete light tower bases 2'6" x 2'6" at top; 5'9" x 5' and 5'8" tall.

44.1

47/ Brick column, 4'6" x 2'8" x 3'8" on
base extending out 6" on sides and 11" thick.

Concrete from parade cistern, 4' x 11' x

5.8

1' 7" x 1' x 1' 3" 4 5' 6" x 1' 7" x 1' 2" 1" x

1.3

8.7

2.8

1' 3" x 1' 1" ~~1' 1" x 1' 1"~~

Picture of cistern adjoining B. Huger battery showing almost half of roof gone.

Removing another 120' of the same brick wall that ran along behind the right face.

February 12 - cloudy and windy.

Immediately after arrival this morning Ford tractor, with assistance of 3 men with shovel, began a continuation of the removal of the fill atop the left plank gunrooms. Small bulldozer is now also atop left plank gunrooms aiding in the removal. Large bulldozer (James) has begun work of removing fill above gunrooms at the salient of the fort. He has run into

some masonry sections (small) (obviously post-civil war), and he is tearing them out with the bulldozer.

Have now reached very near the arched tops of the left flank gunrooms. Only the 3rd tractor is now atop left flank gunrooms, with most of the work being done by hand shovel. James still working at salient point of fort, and Wilbur is repairing the small bulldozer.

February 13 - Due to rain, workmen did not resume work until 11:00 clock this morning. As yesterday, the crew is removing the fill from above the left flank gunrooms and from the left face. The small bulldozer working behind salient, large bulldozer behind left face over the gunrooms, and the 3rd tractor atop of left flank gunrooms. Very little accomplished today. As we left the fort Wilbur and

James (with Bulldozers) were dragging the Rodman cannon found under the one on display out of the way to facilitate removal of the fill over the left face gunrooms.

Feb 14

Small brick tower being uncovered behind salient point. It looks like old brick, but its size and location seem to preclude its being a part of the old fort. Will treat it with care, however. Rear retaining arches showing up on either side of salient point.

Removed a good bit of fill on either side of parade cisterns.

Feb 16

Mon.

Continued moving parade fill on north cisterns, also fill atop left flank gunrooms.

Feb 17

Mr. Harrington came out to make an inspection. Began uncovering a nest of shells along left face fill.

Transcribed
notes: Burke

Feb. 18

Workmen continued today the work of removing fill from on top left flank gunrooms. The bulldozers and trucks were engaged in the removal of fill just behind the left face and salient point.

Uncovered a number of projectiles and cannon balls. All were located very near each other, just behind the left face gunrooms, near the left shoulder angle.

This afternoon we uncovered what is left of the roof of the gunrooms (~~remains~~)

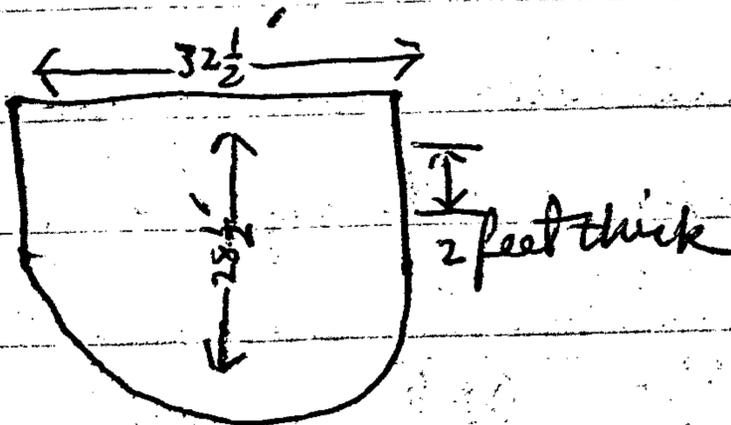
on the left face. We could see inside of the left face [flank?] wall from the outside of what is left of the roof.

Benke
Feb 19

This morning workmen continued removing the fill from behind the left and right faces.

An old post-war gun mount was blasted this morning. Its dimensions were as follows: $28\frac{1}{2}$ feet wide, $32\frac{1}{2}$ feet long, and 2 feet thick. Its shape was similar to the following

drawing:



Another dynamite charge has been used to crack it up even more

and facilitate its removal. Bulldozer and truck now removing it. Gun mount was ~~now~~ located behind left face, just to the left of the present dock.

In attempting to move the 2 Rodman cannon away from the left face gun-rooms, the cable snapped. Work is grading the fill thrown behind the fort. Repaired the cable, and are now continuing to remove gun mount. One more charge was required to crack it.

Feb 24

Removing brick retaining arch from east of left flank rooms - north of mining casemate. Bulldozer beginning to work on right face fill. Tractor removing last of fill on top of right face rooms. Gillespie ran topographical survey

in order to estimate status of fill removal at this date.

Of the shells recovered two are frames for stand of gape (8" diam), in good shape but without balls.

an elongated one with $6\frac{1}{2}$ " diam. an ease. It has fuse ~~and nothing~~ ^{underneath}.

What appears to be a canister except for the thickness of the plate has a ten inch diameter and 12" length.

Three are Schenkels, 12 spherical ones are approx 10" in diam.

Ten spherical are approx 7" in diam. One large spherical ~~one~~ is approx 13" in diam.

Two solid 8" Parrotts with band.

One solid 6" Parrott with band.

Two fused Parrots approx $6\frac{1}{2}$ " diam and about 16" in length.

Ten fused Parrots approx 19" long and 6" in diam.

Seven small balls appear to have come from the stand of grape. One ruffled shell is broken off.

Found a small solid Parrot [?] with a peculiar bolt like arrangement in the center of the base. Found a pot of fill thrown off near wall.

Blasting in cistern adjoining B. Huger.

Found low stump of another pier just to left of B. Huger.

May 25

Dodge bulldozer is having ~~trouble~~ clutch trouble. Workmen are removing retaining wall of last arch on the left plank. Small tractor is removing fill from just behind

55

the last retaining wall.

Found 1 more shell among masonry chunks behind left face. Appears to be 6 inch Parrott. Work progressing very slowly - Truck undergoing repairs - bulldozer not working.

Bulldozer now repaired and removing fill from behind left face. One more shell found in fill thrown in the rear of the fort. Looks like about 6 inch shell - part of it seems to be broken off.

We have set 2 charges in continuing to remove the old postern cistern. The large bulldozer is now removing the broken up pieces.

Uncovered a portion of what appears to be another cannon behind the left face, just to the left of the old cistern. It looks like it might be a Parrott Cannon.

Raining very hard now and work

has ceased.

Feb 26

Left face continues with dirt removal to come out far better than expected. Considerable remains of three rear pier arches have been uncovered on the parade side. a fourth seems to be just west of the concrete cistern and there may well be a fifth beneath the fill.

An extremely interesting cache of shells was uncovered stacked neatly on the floor alongside the uncovered pier west of the cistern adjoining B. Huger. This is not the pier that may be uncovered but one already well exposed. Most of these were small (.6") banded elongated shells. Four were com-

plenty intact stands of grape. We
hope to be able to keep them together.
Took 2 photographs. 4+5

Just in front of the aster
and also at floor level (about 5' out
on the parade side of the pier) pulled out
a small 6" cannon, may well be
a wartime smooth bore, but I
hope so.

Just now found small mortar
lying at ground ~~of~~ level about
midway of two westernmost
exposed piers ^{on left pier} and six feet out
from their parade side. The
bore measures 10". Think
we have a real treasure here!!
Show it in photos 7+8.

Are continuing to ~~work~~ take out
retaining wall in small gunroom

just ~~is~~ north of mining casemat. It is full of sand.

Feb 28

Crew worked until 12 this morning when rain forced them to quit. Removed a good bit more of concrete adjoining Bat. Huger. Continued working into left face. All the removed shells to B. Huger.

Uncovered a most interesting granite covered drain in area of left face floor where the shells were stacked.

March 2

No work till late afternoon. Bitter windy day. Pushed sand off top of left face scarp and arch remains.

March 3

Full crew back. Weather very promising 70° day. Clear and ~~cloudless~~ ^{cloudless} ~~clear~~ ^{clear}

He found tall narrow glass bottle
from fill at rear.

Took picture of left face pier from
on top B. Inger. Also got pictures of
gunroom just north of mining casemate
on left flank and mission 66 sign
(9, 10 + 11).

(Several large segments of the
original pier, each of which had
broken and fallen into the fill
2'6" x 2'4" x 2'2", 3'6" x 2'3" x 2'2",
1'8" x 2'4" x 1'.)

Found ~~two~~ carriage wheels + a small
part of carriage at floor level near
embrasure of 3rd embrasure counting
h. E. from shoulder angle a third
wheel was in 4th ~~embrasure~~ gunroom.
Found approx 10" spherical ^{object} shell in
3rd gunroom.

60

* alongside wall B was a second wall
2' high + 2.7' wide and 19.2 long

61

Salvaged rail running along left face
scrap from dock to catwalk of range
light.

Found & kept one of well shaped
spiral stairs in 4th embrasure of left face
going N.E. from shoulder. (Brick
segment 1'8" x 1'2" x 4'6" } 3'5" x
4'4" x 3' 2' x 2'2" x 4'1")

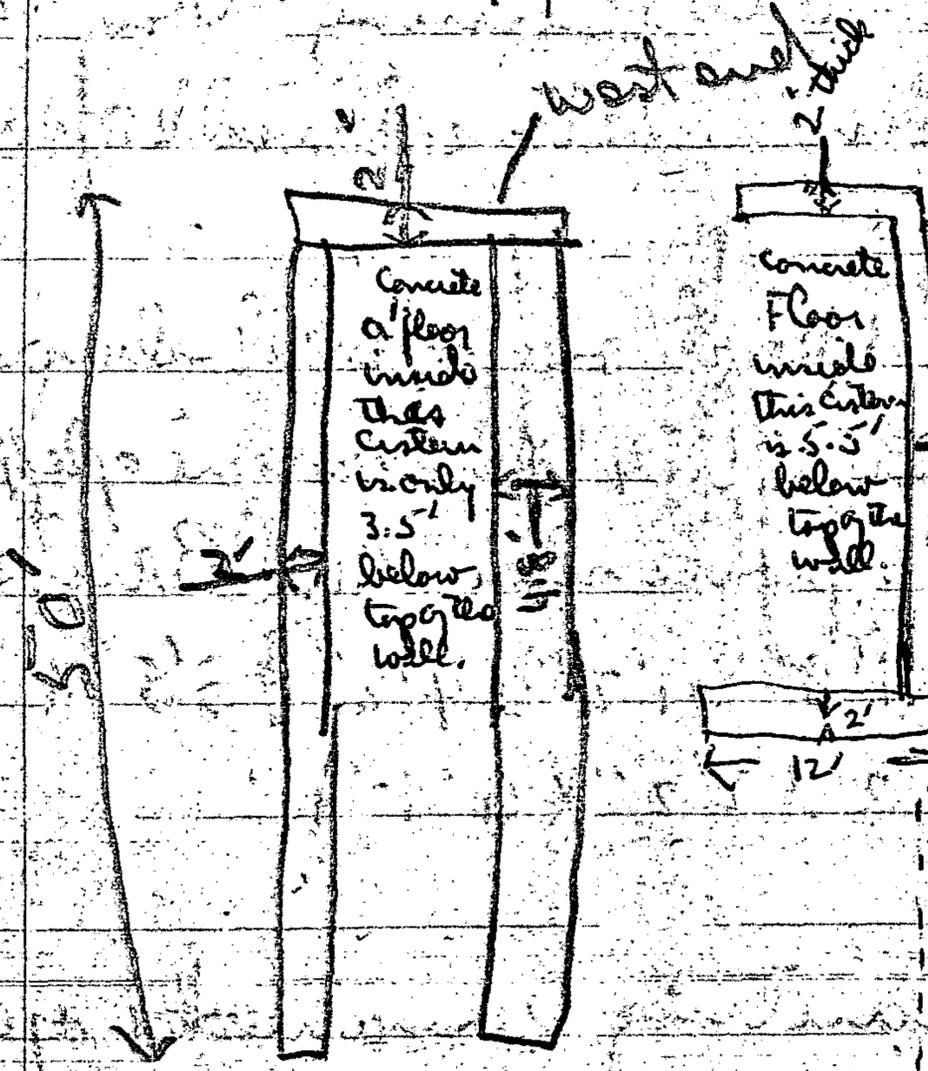
Dynamiting remains of cistern
adjoining B. Huger. Have most of
fill removed from left face
rooms.

Mar 4

Removed last of concrete cistern
adjoining B. Huger. Bulldozer is
taking out parade fill alongside parade
cisterns. expect to begin their removal
today or early tomorrow. Small tractor

see back of opposite page for drawing of arch.

End wall between cisterns and on which steps rise is 1.1' thick.

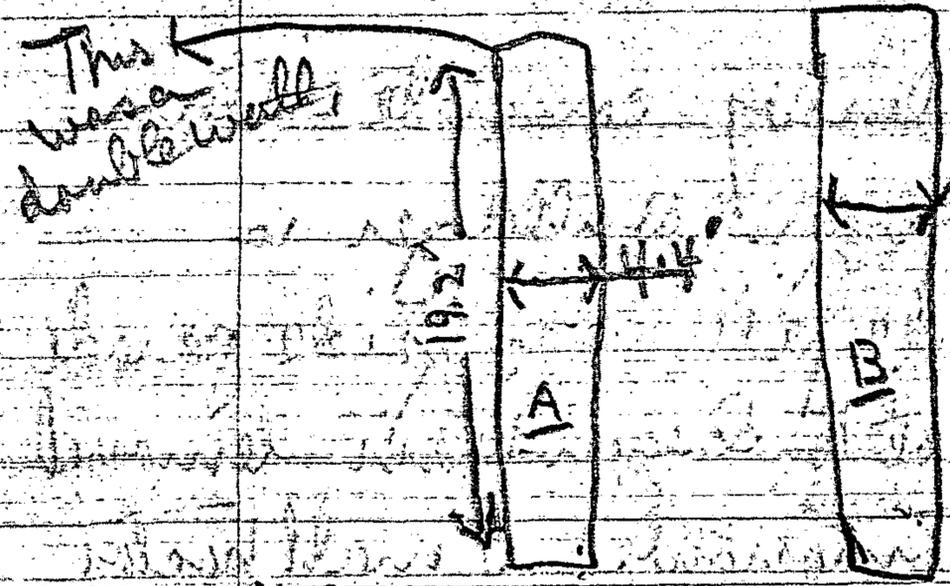


2nd set of cisterns duplicates first whose dimensions are shown, but have a common mid-wall.

This cistern doesn't go all the way to B. Huger. Its end wall is 2' thick, 7' tall, and 12' wide.

There is no third wall on the outside of this cistern between it and B. Huger.

at end of cistern walls are similar to a sewer gravel concrete structure which runs up to B. Huger wall.



no brick interior arches beyond the 50' point.

Roof seemed to be missing on part of this back end, but was 9 tenths of a foot thick where found.

* See p. 60

and made with shovel are clearing out the last of the top sand fill in the area of the spiral staircase at the left flank and face shoulder.

Willhaug has gone to get another bulldozer. Will begin tomorrow night face fill and expect to get to concrete there today or tomorrow. Talked to Mr. Smith in Richmond & Mr. Sweeney in Phila. will proceed with removal of concrete and its measurement.

Beginning to remove parade astern. Will measure wall widths, lengths, size & number of partitions.

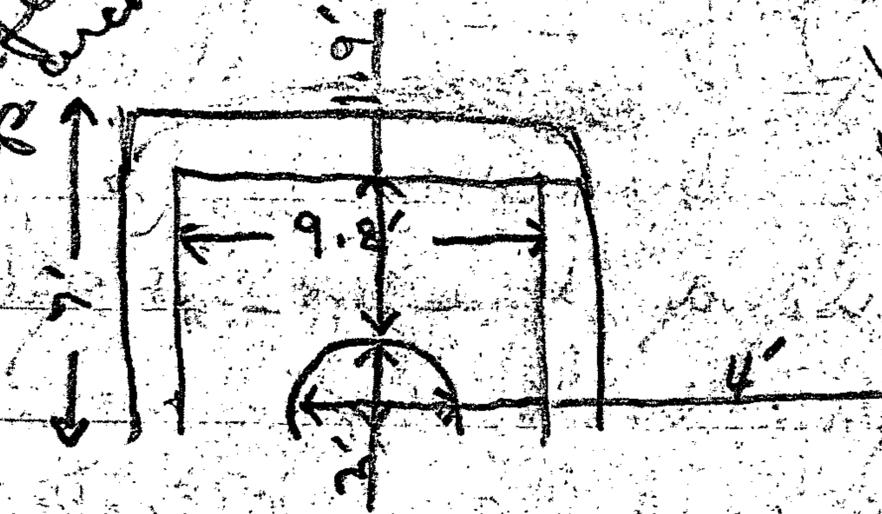
Mar 5

Proceeding with removal of parade astern. Side walls are



Roof thickness 1' at apex & 2.8' at ~~back~~ back of arch

The cement floor includes
top arch has a
curvature
above.



3.9' between arches
measuring inside
the chambers.

The dividing arches are 1.2' thick.

Cement floor in tunnel between
cisterns is $\frac{9}{16}$ of a foot thick. ~~width~~ width
between tunnel walls is 8'.

Broken brick concrete, arches inside are brick.

As near as can be measured the inside arches are regularly spaced 3.9' apart, so are probably really designed and set 4' apart.

Made an interesting discovery in connection with the cisterns. The present tunnel entrance to the left flank at one time extended the length of the cisterns. The inside cistern wall is the original tunnel wall. The cistern arches were merely laid against them. The upper part of the tunnel wall and roof were simply broken off to today's entrance when the cisterns were built.

Began construction of crosswalk
bridge from dock to B. Huger.
Rained out about 4 o'clock.

Mar 6

Yesterday + last night had 7 or
more inches of rain. Gale warnings
flying today. However it cleared
off and work is progressing well.
But the 2nd bulldozer landed
after adverse weather prohibited
it all yesterday.

are continuing to erect the
bridge. And also continue
the dynamiting and removal of
the parade cisterns

Alongside lot of left face
piers (at B. Huger) took out a
cask of stacked shells.

Mar 9

Took pictures 1 + 2 of 3rd roll showing bridge and northern line of tiers with thick tunnel wall and western-most eastern arch showing.

Bridge effectively established from dock to B. Huger, looks good + stout.

Bulldozer moved around to right to resume fill removal behind that face and uncover the concrete preparatory to removal.

Dynamited and removed a good portion of parade ground cisterns.

2nd bulldozer required repairs to its bucket during the afternoon.

March 10

Continued dynamiting & removal of parade cisterns. Have second bulldozer working today. It has gone back around to right again. Should get to that concrete today.

Resuming removal of right face gun mount adjoining B. Huger. Most of it is already out.
3' x 3' x 1' - 4' x 5' x 2' - 6' x 5.6' x 2' -
2' x 1.3' x .9' - 7.3' x 7.3' x 1.9' - 11' x 14' x 2' - 7.5' x 10' x 2'.

March 11

Breaking into gunroom on right face. Unexpectedly proving to be sand filled. Roofs must have been covered over with sand when B. Huger built. It then came in through holes on roof top. 1897 report mentions only 18" of sand.

There are a number of large holes in the roof, though.

Found interestingly shaped green glass bottle in ~~the~~ fill of hole of ~~gun~~ gunroom east of salient point.

Brick pillar alongside tunnel entering left flank. 2.9' x 14' x 7', 4' x 3' x 5' tenths.

Dynamiting and pulling out tunnel entering left flank.

will leave rear retaining walls on right face until later and post-war concrete.

Took pictures 3, 4 + 5 of 2 nd pack showing where breaking into right face gunroom, tunnel by

are uncovering on right face, and left flank enhanced.

Sand seems to have been pumped in through the holes. The one we entered had several inches between fill and roof except just under the hole.

March 12 -
W.T.B.

This morning's activities began with the tamping out of a hole in the archway of the left flank for the purpose of placing a dynamite charge. The other men are engaged in repair work on small bulldozer and truck.

The initial dynamite charge this morning cracked the archway all the way through. More charges will now be set to crack the other side and break it up into pieces which can be moved.

The little ~~mine~~^{magazine} - room in the archway

is now opened up on the end facing Battery Huger. A charge placed inside the room brought this about.

The small 3rd Tractor is engaged in removing sand from atop right face gunrooms, in front of Battery Huger. The workmen are not molesting the retaining arches of these gunrooms, as we are awaiting guidance from E.O.D.C.

One of the bulldozers has bent a lifting rod in lifting the concrete slab. It will be of no more use until repaired, and Wilbur is awaiting parts for it.

We have continued blasting and removing the left flank archway, and ~~mining~~ this afternoon.

Began work this morning by setting a charge inside the ^{main} ~~main~~ room of the archway on the left flank.

March 13-
W.F.B.

The lifting rod of the bulldozer (which was bent yesterday) is now repaired and the dozer is removing fill next to the archway, in an effort to take away support.

The other dozer and the 3rd Tractor are removing fill from atop and behind the right face gun room.

Large Bulldozer continues to remove rubble of blasted areas of archway, as blasting is continued.

March 14-
W.T.B.

Came over at 10:30 this morning with Gillespie on the Tour Boat. Before we arrived this morning, a couple of charges were set in the left flank archway, only a relatively small portion of it is left.

Wilbur is now grading the fill at the rear of the fort. The other bulldozer is being repaired, and the 3rd Tractor is removing fill from behind the right face

gunrooms

Mr. Chitwood has been over today. The left flank archway is completely out and the dozers are grading the fill on the parade ground.

March 17
(RE)

Workmen began work early this morning, blasting and removing remainder of concrete tunnel in front of Mr. Buchanan's office. Wilbur is loading blasted pieces of concrete and also grading parade. Two workmen removing one-foot strip of concrete walk in front of the museum.

Large bulldozer removing rubble along left face - found a parrott cannon with one trunion broken off and with the end (muzzle) broken off. Also found a large shell in this area.
Small dozer removing sand

from gunroom on right face - found
cannon on mount in gunroom.

Mr. Chitwood came over about
noon and began using a level to
set stakes in parade to begin
adding topsoil.

A number of projectiles were
found near the casemates of the
left face.

Blasting tunnel or leading from
right face.

March 18

W. T. B.

Crew spent much of the morning getting
the large Truck loaded on the barge.

Blasted into tunnel which we believe
runs under Battery Huger from the parade
ground into the right face gunroom. Through
the hole broken in the tunnel we crawled into
the gunroom. We found the gunroom to be

in excellent shape, with no sand in them
as in the first two opened on the right face.
There were 3 Parrott rifled cannon, mounted
on carriages and tracks in each of the 3 gunrooms
on the far right face. The cannon seem to be in
excellent shape.

After clearing the sand from the first
gunroom (the one opened before Mr. Sheely left)
we found another Parrott cannon. It was
also mounted on tracks, encrusted with rust, and
not in as good shape as the others.

The rest of the day the crew spent in grading
the parade ground and removing fill from
behind the right face gunrooms. They also
took out much of the brick debris from
behind the left face wall.

March 14 -
W. T. B.

→ On Scratch Paper

24" X 6' X 12'

24" X 6' X 10'

24" X 6' X 10'

bag pan = 7 1/2' X 4 1/2'

1' 6" X

brick wall -

